C3460-1

TEXTILE ORGANON

Volume 60, No. 2 ☐ February 1989

A publication of *Textile Economics Bureau, Inc.*

Highlights

- 1988 Import/Export Review...begins on page 24.
- Quarterly Fiber and Fiber Manufactures Import/Export Data...see pages 23 and 30.
- Quarterly Manufactured Fiber Data ...begins on page 34.

SHIPMENTS:

In January, total manufactured fiber shipments reached 748 million pounds, 7% below the 802 million pounds shipped in December and 6% above the 709 million pounds shipped in January 1988.

January shipments of noncellulosic filament yarn fell 6% to 343 million pounds and staple+tow fell 9% to 354 million pounds.

Contributing to the decrease in shipments over the previous month were polyester textile yarn down 21 million pounds or 23%, polyester staple down 32 million pounds or 14% and acrylic staple down 7 million pounds or 15%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1989 JAN	1988 DEC	% CHG 1/89-12/88	1988 JAN	% CHG 1/89-1/88	YEAR TO DATE 1989	YEAR TO DATE 1988	% CHG YTD 1989-1988
CELLULOSIC								
YARN	17.3	20.0	*-13.5*	15.9	*+8.8*	17.3	15.9	*+8.8*
RAYON STAPLE	34.5	28.0	*+23.2*	32.6	*+5.8*	34.5	32.6	*+5.8*
TOTAL CELLULOSIC	51.8	48.0	*+7.9*	48.5	*+6.8*	51.8	48.5	*+6.8*
NONCELLULOSIC								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	31.3	31.4	*-0.3*	27.5	*+13.8*	31.3	27.5	*+13.8*
- CARPET	74.7	76.2	*-2.0*	72.6	*+2.9*	74.7	72.6	*+2.9*
- TEXTILE[a]	33.7	36.8	*-8.4*	30.0	*+12.3*	33.7	30.0	*+12.3*
POLYESTER - INDUSTRIAL	28.6	31.7	*-9.8*	26.5	*+7.9*	28.6	26.5	*+7.9*
- TEXTILE[a]	72.4	93.5	*-22.6*	62.9	*+15.1*	72.4	62.9	*+15.1*
OLEFIN	101.9	95.4	*+6.8*	97.2	*+4.8*	101.9	97.2	*+4.8*
TOTAL YARN	342.6	365.0	*-6.1*	316.7	*+8.2*	342.6	316.7	*+8.2*
STAPLE+TOW+FIBERFILL								
NYLON	82.3	78.0	*+5.5*	78.4	*+5.0*	82.3	78.4	*+5.0*
ACRYLIC+MODACRYLIC	41.7	49.1	*-15.1*	48.5	*-14.0*	41.7	48.5	*-14.0*
POLYESTER	200.5	232.5	*-13.8*	187.7	*+6.8*	200.5	187.7	*+6.8*
OLEFIN	29.3	29.6	*-1.0*	29.1	*+0.7*	29.3	29.1	*+0.7*
TOTAL STAPLE	353.8	389.2	*-9.1*	343.7	*+2.9*	353.8	343.7	*+2.9*
TOTAL NONCELLULOSIC	696.4	754.2	*-7.7*	660.4	*+5.5*	696.4	660.4	*+5.5*
TOTAL MANUFACTURED FIBER	748.2	802.2	*-6.7*	708.9	*+5.5*	748.2	708.9	*+5.5*
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS[b]	701.8	741.3	*-5.3*	659.8	*+6.4*	701.8	659.8	*+6.4*
EXPORTS[c]	46.4	60.9	*-23.8*	49.1	*-5.5*	46.4	49.1	*-5.5*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

February 1989

Textile Organon

A Monthly Review

CONTENTS

Features

1988 Import/Export Review 24-29
- Selected U.S. Exports by Country of Destination 24-25
- U.S Exports of Manufactured Fiber 26
- U.S. Imports of Manufactured Fiber 27
- Selected U.S. Manufactured Fiber Imports by Country of Origin 28-29

Industry Regulars

Total U.S. Manufactured Fiber Shipments 21

Quarterly Fiber & Fiber Manufactures Import/Export Data 23,30
- Quarterly U.S. Imports, Exports & Balance of Manufactured Fiber, Cotton & Wool Manufactures 23
- Graph 1: Imports vs. Exports of Manufactured Fiber 30
- Manufactured Fiber Quarterly Trade Balance 30

Monthly U.S. Manufactured Fiber Data 31-33
- Imports by Country of Origin 31
- Imports by Fiber 32
- Exports by Fiber 33

Quarterly Manufactured Fiber Data 34-35
- Yarn+Monofilaments 34
- Staple+Tow 35

Selected U.S. Monthly Fiber Data 36

TEXTILE ECONOMICS BUREAU, INC.
President & Editor
Rosemarie D. Frick

Publishing Headquarters:
Textile Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107
Facsimile: (201) 228-7598

ISSN 0040-5132

Copyright © 1989
Textile Economics Bureau, Inc.

TEXTILE ORGANON is published monthly. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription Rates
(payable in U.S. dollars with order)

ITEM	U.S.A.	OTHER
Annually (1 year only)	175.00	250.00
Schools & Nonprofit	75.00	125.00
Single Issues:		
June	100.00	150.00
September	60.00	90.00
All Others	30.00	50.00

Issues are sent by 1st class mail to U.S. subscribers and by airmail to foreign subscribers.

TABLE 2:
QUARTERLY U.S. IMPORTS, EXPORTS & BALANCE OF MANUFACTURED FIBER, COTTON & WOOL MANUFACTURES
MILLION POUNDS

PRODUCTS	2ND QUARTER 1987			3RD QUARTER 1987			4TH QUARTER 1987			1ST QUARTER 1988			2ND QUARTER 1988			3RD QUARTER 1988			4TH QUARTER 1988		
	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]	IMP	EXP	BAL [a]
RAYON & ACETATE																					
YARN+MONOFILAMENTS	2.5	1.5	1.0 I	2.8	1.4	1.4 I	4.5	1.7	2.8 I	4.0	2.4	1.6 I	4.0	3.9	0.1 I	4.4	3.7	0.7 I	5.2	2.6	2.6 I
STAPLE+TOW	3.9	8.5	4.6 E	3.0	13.2	10.2 E	2.8	3.8	1.0 E	3.3	5.1	1.8 E	4.1	7.0	2.9 E	6.0	6.8	0.8 E	6.9	5.6	1.3 I
WASTE	-	0.2	0.2 E	0	0.2	0.2 E	0.1	0.2	0.1 E	-	0.6	0.6 E	0	0.4	0.4 E	0	0.7	0.7 E	-	0.2	0.2 E
SUBTOTAL	6.4	10.2	3.8 E	5.8	14.8	9.0 E	7.4	5.7	1.7 I	7.3	8.1	0.8 E	8.1	11.3	3.2 E	10.4	11.2	0.8 E	12.1	8.4	3.7 I
NONCELLULOSIC FIBERS																					
YARN+MONOFILAMENTS	29.0	57.3	28.3 E	30.8	60.1	29.3 E	30.0	58.6	28.6 E	29.8	74.0	44.2 E	28.1	70.3	44.2 E	30.2	79.1	48.9 E	28.1	73.6	45.5 E
STAPLE+TOW	46.1	93.9	47.8 E	52.4	85.2	32.8 E	41.6	92.2	50.6 E	43.3	111.9	68.6 E	53.7	88.3	34.6 E	51.0	100.6	49.6 E	48.1	98.3	50.2 E
WASTE	11.9	28.9	17.0 E	10.6	23.8	13.2 E	11.5	30.1	18.6 E	11.8	31.0	19.2 E	10.6	32.1	21.5 E	8.6	35.1	26.5 E	9.5	46.1	36.6 E
SUBTOTAL	87.0	180.1	93.1 E	93.8	169.1	75.3 E	83.1	180.9	97.8 E	84.9	216.9	132.0 E	92.4	190.7	98.3 E	89.8	214.8	125.0 E	85.7	218.0	132.3 E
TOTAL FIBER ABOVE [b]	93.4	190.3	96.9 E	99.6	183.9	84.3 E	90.5	186.6	96.1 E	92.2	225.0	132.8 E	100.5	202.0	101.5 E	100.2	226.0	125.8 E	97.8	226.4	128.6 E
MANUFACTURED FIBER MANUFACTURES [c]																					
SLIVER, TOPS & ROVING	2.4	1.1	1.3 I	1.6	1.5	0.1 I	0.8	1.5	0.7 E	0.9	3.1	2.2 E	1.0	3.2	2.2 E	0.8	2.9	2.1 E	1.3	2.8	1.5 E
SPUN YARNS	18.3	11.2	7.1 I	16.4	9.6	6.8 I	14.3	13.8	0.5 I	10.9	11.3	0.4 E	11.1	11.1	0.0 E	11.0	12.4	1.4 E	10.5	13.5	3.0 E
THREAD & CRAFT YARNS	2.3	2.0	0.3 I	2.3	1.2	1.1 I	2.0	1.3	0.7 I	2.1	1.4	0.7 I	2.1	1.5	0.6 I	1.9	1.6	0.3 I	1.8	1.6	0.2 I
TIRE CORD & FABRIC	1.4	14.8	13.4 E	1.5	13.0	11.5 E	1.8	12.4	10.6 E	3.1	13.2	10.1 E	2.8	12.4	9.6 E	2.6	10.3	7.7 E	2.9	10.4	7.5 E
WOVEN FABRIC	50.2	42.7	7.5 I	47.3	36.6	10.7 I	42.4	39.4	3.0 I	42.0	41.9	0.1 I	50.4	41.3	9.1 I	45.1	41.3	3.8 I	41.8	44.7	2.9 E
KNIT FABRIC	3.9	3.2	0.7 I	2.6	2.8	0.2 E	3.3	3.1	0.2 I	2.7	3.3	0.6 E	3.5	3.7	0.2 E	2.2	3.7	1.5 E	3.1	3.8	0.7 E
NARROW FABRIC	4.1	11.5	7.4 E	4.0	11.1	7.1 E	3.2	12.0	8.8 E	3.1	13.7	10.6 E	4.0	17.1	13.1 E	4.2	15.4	11.2 E	3.6	16.0	12.4 E
APPAREL - KNIT	139.1	21.1	256.0 I	162.5	30.4	285.5 I	88.3	21.3	185.1 I	79.0	12.5	201.5 I	114.8	22.5	227.3 I	149.3	21.9	277.1 I	99.9	22.6	196.6 I
- NOT KNIT	138.0			143.4			118.1			144.0			135.0			149.7			119.3		
HOME FURNISHINGS	128.6	27.9	77.1 I	128.8	24.3	81.9 I	108.1	26.5	57.9 I	114.7	30.3	60.5 I	118.6	38.9	53.2 I	123.5	36.0	63.5 I	115.4	33.0	57.3 I
OTHER		23.6		128.8	22.6			29.7			23.9			26.5			24.0			25.1	
TOTAL MANUFACTURES [c]	488.3	159.1	329.2 I	510.4	143.3	367.1 I	382.3	155.0	227.3 I	402.5	163.6	238.9 I	443.3	178.2	265.1 I	490.3	169.5	320.8 I	399.6	173.5	226.1 I
TOTAL MANUFACTURED FIBER & MANUFACTURES	581.7	349.4	232.3 I	610.0	327.2	282.8 I	472.8	341.6	131.2 I	494.7	388.6	106.1 I	543.8	380.2	163.6 I	590.5	395.5	195.0 I	497.4	399.9	97.5 I
COTTON MANUFACTURES [d]	563.9	74.2	489.7 I	606.5	74.5	532.0 I	565.1	76.8	488.3 I	573.1	77.2	495.9 I	502.6	81.4	421.2 I	529.7	81.8	447.9 I	513.4	89.8	423.6 I
WOOL MANUFACTURES [e]	76.6	5.8	70.8 I	92.5	6.1	86.4 I	55.5	7.1	48.4 I	476.0	6.7	469.3 I	62.0	7.2	54.8 I	81.3	8.6	72.7 I	53.0	8.1	44.9 I

SOURCE: The manufactured fiber import and export data are from the U.S.Census Bureau Reports IM146 and EM546. The manufactured, cotton and wool manufactures data are from U.S. Department of Agriculture *"Cotton and Wool Outlook Situation."* The total manufactured fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic ffibers only. Glass fiber is excluded.

a. E Export Balance. I Import Balance.

b. The fibers included are shown as "Total Manufactured Above" on pages 26 and 27 of this issue.

c. Manufactured fiber equivalent.

d. Raw cotton equivalent. Data are similar to those on page 180 of the August 1988 ***Textile Organon***.

e. Raw wool content. The data differ from those on page 180 of the August 1988 ***Textile Organon*** to the extent that noils and waste are included here.

TABLE 3:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

COUNTRY	A. CELLULOSIC YARN MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988
AUSTRIA	0	0	0	0	0	1	0	3	5	111	19	308	1	0	2	0	20	105	12	105
BELGIUM/LUXEMBOURG	678	1638	1131	3301	8684	12286	32586	38652	28638	29558	41951	52170	1169	2028	833	1518	12290	9656	42700	36417
DENMARK	0	0	0	0	913	911	1344	1106	43	176	44	215	10	0	20	0	664	1920	706	1951
FINLAND	0	0	0	0	223	156	425	493	520	1283	529	1395	1	2	2	2	233	405	147	494
FRANCE	21	47	55	297	2328	2912	11405	11099	723	1178	1633	2596	169	149	285	197	1841	3100	2041	3243
GERMANY, FED. REP. OF	157	174	225	350	1328	1782	6647	8383	1890	2796	3739	5685	133	121	288	423	4211	5531	5526	9677
GREECE	13	0	24	0	27	110	47	208	13	54	76	318	20	23	27	35	95	51	131	46
ICELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221	229	223	252
IRELAND	0	0	0	0	100	1635	359	2286	772	739	1234	1065	0	235	0	594	875	1921	1016	2097
ITALY	4	210	4	360	935	599	2154	1444	2860	1489	3306	2577	42	27	43	36	9881	9617	6293	7335
NETHERLANDS	0	3	0	72	1196	1012	1612	1503	1408	1040	2247	2189	22	6	8	6	4219	8645	4148	6942
NORWAY	0	0	0	0	71	51	62	76	428	39	507	56	41	42	64	48	241	476	265	569
PORTUGAL	20	0	44	0	160	636	218	578	70	2	87	8	0	0	0	0	0	32	0	15
SPAIN	35	1	42	5	2088	6587	2831	8272	241	397	517	654	11	10	10	13	5040	5201	3089	3977
SWEDEN	0	30	0	154	244	194	321	263	1823	1629	1967	2176	26	11	38	13	1540	2654	1714	2776
SWITZERLAND	0	0	0	0	55	16	229	224	182	54	410	257	36	13	26	22	5150	2658	2929	1806
TURKEY	0	0	0	0	797	5730	1023	8077	28777	31732	30539	43200	0	0	0	0	7609	8266	3836	4926
UNITED KINGDOM	39	71	152	127	4897	8575	8587	15984	6370	7935	9118	12668	269	268	379	273	4098	6585	7141	12249
OTHER	0	0	0	0	0	5	0	22	2	7	7	18	0	0	0	0	0	0	0	0
TOTAL WESTERN EUROPE	953	2174	1677	4666	24046	43198	69850	98623	74765	80219	97930	127555	1950	2935	2025	3180	58228	67052	81917	94877
CZECHOSLOVAKIA	0	0	0	0	0	0	0	0	546	1592	594	1806	0	0	0	0	450	675	318	576
GERMANY, DEM. REP.	0	0	0	0	0	1	0	16	0	0	0	0	0	0	0	0	0	5	0	11
HUNGARY	63	516	88	831	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	0	0	0	0	387	459	598	708	1400	14	1412	90	662	0	565	0	7566	14639	3773	9704
U.S.S.R.	0	0	0	0	0	0	0	0	0	96	0	209	0	0	0	0	0	0	0	0
YUGOSLAVIA	0	0	0	0	0	0	0	0	549	0	527	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0	8	0	123	0	0	0	0	0	0	0	0
TOTAL EASTERN EUROPE	63	516	88	831	387	460	598	726	2495	1710	2533	2228	662	0	565	0	8016	15319	4091	10291
ARGENTINA	32	0	7	0	248	83	351	191	249	76	569	234	93	0	64	0	455	408	763	604
BOLIVIA	67	0	76	0	126	69	336	120	9	15	21	45	0	0	0	0	670	34	601	117
BRAZIL	175	45	313	81	1531	1273	2682	3143	1027	1797	2547	3679	255	3	208	3	637	1038	2178	3486
CANADA	2745	1925	3745	2271	29718	36708	48979	60938	10325	12470	23142	27121	950	663	648	579	88387	75933	64623	56955
CHILE	0	11	0	27	129	86	257	307	143	132	404	385	1660	131	1233	129	13957	15398	8413	10665
COLOMBIA	25	0	52	0	406	141	770	410	1440	2667	7253	9623	3508	1773	2361	1201	19496	4452	11545	3596
COSTA RICA	3	0	7	0	3717	1052	2867	1314	36	197	89	261	37	7	26	7	2967	4410	1878	2929
DOMINICAN REPUBLIC	156	40	188	49	1936	1412	1693	1833	49	95	103	172	0	16	0	15	790	284	530	303
ECUADOR	172	0	387	0	571	717	512	638	139	33	302	192	686	115	480	67	8828	8494	5317	5165
EL SALVADOR	0	0	0	0	758	120	743	139	1216	331	1753	590	43	1138	72	785	3689	7200	2259	6603
GUATEMALA	21	0	61	0	1555	1370	1493	1185	38	5	149	32	0	119	0	110	6769	7509	4154	5367
HAITI	1	0	9	0	272	232	334	319	729	5	1037	50	1	3	2	3	6	1	22	3
HONDURAS	0	2	0	5	556	279	760	438	20	11	58	37	3	0	9	0	2167	1792	1207	1137
JAMAICA	0	0	0	0	441	516	559	716	14	78	32	82	0	0	0	0	43	49	86	77
LEEWARD & WINDWARD ISL.	0	0	0	0	0	2	2	7	0	0	0	0	0	0	0	0	5	8	5	9
MEXICO	50	227	72	324	1737	3106	3347	5949	2223	4332	6084	9249	9142	13119	5984	9760	22341	19526	19021	24262
NICARAGUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANAMA	0	14	0	16	155	143	251	167	134	59	612	67	0	0	0	0	60	16	379	92
PARAGUAY	0	0	0	0	0	0	0	0	1	25	10	126	0	0	0	0	0	0	0	0
PERU	5	0	11	0	196	80	326	162	536	156	880	280	429	214	314	125	451	7	246	9
TRINIDAD	0	0	0	0	2	57	10	149	52	4	79	26	0	0	0	0	8	6	20	17
URUGUAY	169	0	266	0	94	54	103	36	3	1	18	5	34	0	23	0	499	522	352	404
VENEZUELA	23	70	29	90	1201	1808	2441	4400	153	826	1129	2697	7808	2433	6532	2327	4486	2707	4059	3078
OTHER	0	19	0	20	90	183	71	1046	5	6	28	22	4	2	12	6	19	67	23	146
TOTAL OTHER AMERICAS	3644	2353	5223	2883	44439	49491	68887	83607	18541	23321	46299	54975	24653	19736	17968	15117	176730	149861	127681	125024

TABLE 3:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(CONTINUED)*

COUNTRY	A. CELLULOSIC YARN MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0
HONG KONG	5	5	126	80	600	373	1195	603	361	501	1301	2402	37	483	78	864	9312	11170	5393	7750
INDIA	140	85	86	54	231	182	428	460	2808	3171	3429	4724	52	278	35	175	2366	1320	1094	895
INDONESIA	0	0	0	0	0	79	0	172	3091	7809	3532	12216	0	45	0	56	586	519	315	452
KOREA, REP. OF	37	2000	52	3465	381	1462	943	3379	1062	2151	1730	3383	133	288	182	356	19042	13731	14850	11562
MALAYSIA	0	13	0	20	4	1	20	4	0	10	0	52	0	33	0	57	52	278	72	231
PAKISTAN	19	0	32	0	347	370	593	657	42	67	55	75	37	0	44	0	1434	587	665	390
PHILIPPINES	8	23	20	17	470	334	746	884	1593	777	13467	6331	7	7	12	8	5212	5290	5259	5421
SINGAPORE	0	0	0	0	339	2	168	12	216	959	265	1358	40	3	27	2	599	129	514	272
TAIWAN	262	999	353	1569	1782	596	1877	1168	3366	4679	4016	6212	969	354	802	364	13198	23674	9513	18972
THAILAND	56	35	76	62	48	105	69	211	299	344	654	750	0	0	0	0	11698	3141	4984	1901
TOTAL OTHER ASIA	527	3160	755	5267	4202	3504	6039	7550	12838	20468	28449	37503	1275	1491	1180	1882	63501	59839	42662	47846
CHINA, PRC	417	3460	585	4751	760	6586	974	11617	3	2132	19	3166	5375	44	3190	71	39144	84557	21261	56198
JAPAN	88	78	119	103	3732	10464	9815	20701	15050	17954	18766	24783	412	219	613	337	4216	7011	12365	15505
ALGERIA	0	0	0	0	0	82	0	115	0	5	0	10	0	13	0	12	1	0	4	0
AUSTRALIA	392	745	611	1303	8222	14406	17982	26103	1542	2009	3633	4125	145	79	280	103	6476	8839	10709	14590
CAMEROON	0	0	0	0	132	118	196	113	0	0	0	0	0	0	0	0	0	0	0	0
EGYPT	0	0	0	0	1611	315	2003	376	88	150	144	125	0	0	0	0	4708	931	3224	1219
IRAQ	0	0	0	0	0	831	0	985	0	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	10	55	12	63	3055	1455	3744	1833	7913	6440	8822	8804	3	5	6	9	2158	885	1517	733
JORDAN	57	0	104	0	1	55	3	67	0	0	0	0	0	0	0	0	0	0	0	0
KENYA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEBANON	28	0	25	0	78	230	52	334	123	157	108	230	0	0	0	0	0	0	0	0
MOROCCO	0	0	0	0	1064	2030	778	1292	0	16	0	21	0	0	0	0	507	716	230	548
MOZAMBIQUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW ZEALAND	6	44	39	236	2273	1145	4100	2522	313	175	839	652	+	10	2	13	406	318	566	633
NIGERIA	0	0	0	0	111	251	91	271	10	76	13	133	0	0	0	0	567	308	386	168
QATAR	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	86	2113	174	3065	45	54	62	100	0	14	0	11	589	543	638	762
SOUTH AFRICA	190	72	306	127	415	1055	1140	2180	37	182	254	794	27	9	27	11	320	2918	286	2262
SUDAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	+	0
SYRIA	52	0	56	0	2170	3019	2804	3137	254	159	377	261	0	0	0	0	12	0	16	0
TANZANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	404	0	382	231	1	254	8	0	0	0	0	0	0	0	0
UNITED ARAB EMIRATES	0	0	0	0	0	14	0	10	0	0	0	2	0	0	0	0	0	3	0	12
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	9	0	29	0	0	0	0	0	0	0	0	0	341	0	278	0
OTHER	0	0	0	0	106	612	194	1168	35	1	35	5	0	0	0	0	8	0	14	3
TOTAL M.E., A., & O.	735	916	1153	1729	19333	28135	33290	43953	10591	9426	14541	15272	175	130	315	159	16094	15461	17868	20930
GRAND TOTAL	6427	12557	9600	20230	96899	141838	189453	266777	134283	155240	208537	265482	34502	24555	25856	20746	365929	399100	307845	370671

SOURCE: U.S. Census Bureau Report EM546

+ Less than 1 thousand pounds.
The commodity numbers are:
A. 309.0110, .2210, 310.0004 & .0026
B. 310.0005, .0007, .0010, .0014, .0029, .0034, .0040 & .0044
C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032
D. 309.4219 & .4222.
E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247

TABLE 4:
U.S. EXPORTS OF MANUFACTURED FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1984	1985	1986	1987	1988	1984	1985	1986	1987	1988
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0004	129	101	102	614	248	337	298	242	1323	864
OTHER[b]	310.0026	8614	10412	7002	5428	12049	10051	13859	9207	7768	18651
MONOFILAMENTS	309.0110	12	79	228	285	258	66	178	651	413	629
STRIPS	309.2210	79	37	14	100	102	85	44	16	96	86
SUBTOTAL ABOVE		8834	10629	7436	6427	12657	10539	14379	10116	9600	20230
STAPLE+TOW-RAYON	309.4222	53882	35975	30887	32781	21760	37688	25546	21840	23369	17311
STAPLE-ACETATE	309.4219	2090	1849	1679	1721	2795	2337	2535	2182	2487	3435
SUBTOTAL ABOVE		55972	37824	32566	34502	24555	40025	28081	24022	25856	20746
WASTE, ADVANCED&NOT ADVANCED	309.7400	1632	1297	2222	1090	1921	1062	801	1822	939	706
NONCELLULOSIC FIBERS											
YARN-SINGLES											
NYLON-TEXTURED	310.005 & .0007	32268	26894	24403	35048	55702	50916	39982	42863	64400	103805
HIGH TENACITY[c]	310.0027	66732	69086	76870	78107	87142	62515	72294	81880	88840	121769
OTHER	310.0029	13155	9357	10333	9143	12516	28217	19373	23099	22983	30285
POLYESTER-TEXTURED	310.0010	79753	135997	68753	25057	39592	93889	140792	69534	28774	51042
HIGH TENACITY[c]	310.0032	9156	32137	23862	24961	27296	11064	29618	27087	29829	35602
OTHER[d]	310.0034	5068	8934	2347	1794	3033	8371	9270	2410	2567	4341
OTHER-TEXTURED	310.0014	7673	10495	21122	18119	21702	12040	14470	27888	29402	32068
OLEFIN	310.0040	340	555	1708	940	2874	485	766	1740	1987	3278
OTHER	310.0044	5261	7766	6087	6799	6819	26909	32505	35562	40240	41958
MONOFILAMENTS-ALL DENIERS											
NYLON	309.0120	2848	2364	5116	6663	6660	10435	9221	12901	16246	17400
POLYESTER	309.0140	3794	5759	6256	12294	21016	10141	14128	13387	21050	35837
OTHER	309.0170	11047	11955	4775	7453	8765	22912	17491	20821	33736	41823
STRIPS	309.2220 & .2270	4460	4204	3943	4805	4361	11398	13903	12945	18837	13051
SUBTOTAL ABOVE		242455	325803	255572	231182	297078	349292	413813	372117	397991	532259
STAPLE-NYLON	309.4240	14904	11100	15037	23447	21440	13854	17288	11610	24690	24598
POLYESTER	309.4242	178903	176697	111270	168127	143976	116843	112222	68239	90039	96891
ACRYLIC	309.4245	162285	150729	58397	67074	130235	114377	100146	40763	47571	93145
OLEFIN	309.4246	4368	6974	14623	21433	18794	4088	5754	12670	17842	16221
OTHER	309.4247	8555	10695	17410	35295	24112	30566	35401	57209	77415	75185
GROUPED FILAMENTS											
NYLON	309.3220	3048	1948	3701	5483	7134	8947	4635	9480	12681	15943
POLYESTER[d]	309.3240	23693	29155	21511	20573	20438	20749	23335	18135	18148	22156
ACRYLIC	309.3250 & .3255	33807	29214	21965	24497	32971	27202	24095	19498	19459	26532
SUBTOTAL ABOVE		429563	416512	263914	365929	399100	344457	319442	243282	307845	370671
WASTE, ADVANCED&NOT ADVANCED											
NYLON	309.7620	12465	5601	8855	11686	18840	6494	3048	4441	6047	8709
POLYESTER	309.7630	57371	46404	59265	56412	65478	22417	17722	24245	25423	33533
ACRYLIC	309.7640	4620	4804	6399	9569	9688	1365	1286	1372	3045	4856
OTHER	309.7660	15203	18836	49177	35860	50386	6385	6818	15315	12710	19407
SUBTOTAL ABOVE		89659	75645	123696	113527	144392	36661	28874	45373	47225	66505
TOTAL MAN-MADE ABOVE		828115	867620	685316	752657	879703	782036	805390	696732	789456	1011117
TEXTILE GLASS FIBER	309.2700 & .9700	58101	58328	61160	85378	106530	56385	57787	66134	95496	120313
GRAND TOTAL ABOVE		886216	925948	746476	838035	986233	838421	863177	762866	884952	1131430

SOURCE: U.S. Census Bureau Report EM546

a. Includes thrown, singles and plied yarn.
b. Includes rayon tire cord and cord fabric.
c. Includes noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.

TABLE 5:
U.S. IMPORTS OF MANUFACTURED FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/87	THOUSAND POUNDS					THOUSAND DOLLARS				
		1984	1985	1986	1987	1988	1984	1985	1986	1987	1988
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	1571	190	518	305	1483	940	267	610	511	2278
OTHER	310.0130 & .0230[a]	8245	12951	15669	12267	15238	12924	19129	24795	19226	29005
MONOFILAMENTS	309.0310 & .0610	5	19	20	12	7	20	44	68	77	59
STRIPS, $1/LB. & UNDER	309.2090*	160	763	756	227	913	88	624	646	196	726
SUBTOTAL ABOVE		9981	13923	16963	12811	17641	13972	20064	26119	20010	32068
STAPLE	309.4320 & .4325	15388	11286	16453	12931	19037	10320	6844	12678	11128	15491
GROUPED FILAMENTS	309.3010 & .3310	1605	1022	975	893	1364	2619	1471	1305	1600	2105
SUBTOTAL ABOVE		16993	12308	17428	13824	20401	12939	8315	13983	12728	17596
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	530	479	121	85	7	323	263	79	25	14
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON											
LESS THAN 450 DENIER	310.0107 & .0207	17966	32352	2601	2035	2679	26141	35244	5025	4170	5266
450 DENIER AND OVER	310.0108 & .0208			33994	26755	17721			37305	29921	22961
- POLYESTER	310.0110 & .0210	10806	16642	14590	15580	15060	10513	14653	13029	15403	14704
- OTHER	310.0114 & .0214	8939	14723	20477	24088	25188	10536	15732	20187	23874	27436
OTHER - NYLON	310.0149 & .0249	30192	18350	22521	22839	17773	39222	23747	30781	36679	30432
POLYESTER	310.0150 & .0250	15698	16728	22465	19425	21596	21121	20624	28831	25656	33168
- OTHER	310.0170 & .0270[b]	2468	2520	5130	6777	8204	4139	4203	7837	8804	15235
MONOFILAMENTS	309.0200 & .0330[c]	2857	2059	2722	3804	4801	8817	5537	8197	12236	17498
STRIPS, OVER $1/LB	309.2100 & .2500*	1066	1187	1557	2627	3256	5844	5886	6487	8601	11676
SUBTOTAL ABOVE		89992	104561	126057	123930	116278	126333	125626	157679	165344	178376
STAPLE - NYLON	309.4331 & .4351	38281	38544	51959	38955	21944	36579	34292	26229	42829	27622
POLYESTER	309.4336 & .4361	22890	26800	40785	70721	73198	13272	15841	13456	40278	50045
- ACRYLIC	309.4366	13541	17611	17442	15716	15389	12568	16396	7799	13096	18946
- OLEFIN	309.4371	2213	5732	1871	514	2075	1630	3879	289	400	1072
- OTHER	309.4341 & .4390	15412	25516	14238	12992	17778	11326	21283	4258	12810	23992
GROUPED FILAMENTS											
NYLON	309.3030 & .3200	23129	29514	38536	32248	40211	33524	40769	58505	50546	64708
POLYESTER	309.3040 & .3340	7104	4980	2354	3139	4355	6569	4715	2392	3767	6242
ACRYLIC	309.3050 & .3350	6929	7518	13065	13000	19418	15116	16548	31792	31152	48130
OTHER	309.3065 & .3365	1660	3231	2540	1700	1786	2371	4313	3339	2991	2706
SUBTOTAL ABOVE		131159	159446	182790	188985	196154	132955	158036	148059	197869	243463
WASTE, NOT ADVANCED											
- NYLON	309.6625	31205	27162	22377	26926	22512	13876	10793	7755	8412	8582
- POLYESTER	309.6630	8042	7149	6304	9170	10113	1325	1143	878	1385	1961
- ACRYLIC	309.6645	39	283	328	306	167	8	48	182	70	62
- OTHER	309.6660	4074	2072	8442	4666	2577	2027	607	2142	895	502
NOILS & GARNETTED FIBERS	309.7000*	458	155	164	162	109	254	101	123	83	57
OTHER WASTE, ADVANCED	309.7525 - .7555	6729	3852	2688	5727	5026	1912	890	702	1894	1353
SUBTOTAL ABOVE		50547	40673	40303	46957	40504	19402	13582	11782	12739	12517
TOTAL MAN-MADE ABOVE		299202	331390	383662	386592	390985	305924	325686	357701	406715	484034
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1506	1	1	1	5	-	7	7	15	44	1
- NONCELLULOSIC	310.1015[d] & .1205[e]	12223	9270	10221	3999	2303	17370	9955	11926	6471	4906
OTHER - CELLULOSIC	310.1030 & .1535[f]	173	390	476	553	382	723	937	1932	2622	3183
- NONCELLULOSIC	310.1050 & .1070[g]	2763	4032	4857	3314	3703	4447	6795	10007	7441	10053
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	1724	1739	1879	1541	814	2224	2100	3105	3199	2335
- OTHER	310.4015 & .4027[i]	35583	34260	44691	37128	22206	58127	54897	75910	68943	44590
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	7517	8912	16759	28029	22911	16210	15640	28555	46150	42205
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	5445	9283	4593	8338	7632	18111	28952	13846	31339	29859
SLIVER, TOPS & ROVING	309.9000	4544	1941	3298	5537	3914	4792	2334	4467	7085	7530
TEXTILE GLASS FIBER	309.2800 & .2900[k]	23083	34690	24404	29465	26200	19203	27850	23082	29283	30562
GRAND TOTAL ABOVE	—	392258	435909	494843	504501	481050	447138	475353	530546	611292	659258

Source: U.S. Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630 .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, 1514, .1550, .1555, 1570, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, 5046, .5047, 5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9600 & .9900.

TABLE 6:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN [A]
THOUSAND POUNDS

	A. NONCELLULOSIC YARN - SINGLES						B. NONCELLULOSIC STAPLE+TOW			
	NYLON		POLYESTER		OTHER		NYLON		POLYESTER	
COUNTRY	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988
AUSTRIA	0	7	32	24	28	51	9	21	0	0
BELGIUM/LUX	3023	518	173	0	9299	10052	54	90	+	204
DENMARK	0	0	+	0	0	0	0	0	20	0
FINLAND	0	0	0	0	0	0	0	0	0	0
FRANCE	5598	6118	147	10	9	41	7434	10454	393	515
GERMANY, FED. REP. OF	11213	3176	7557	6635	3228	3370	16999	18688	6557	2736
GREECE	0	0	0	0	2	1	0	0	0	0
IRELAND	25	0	+	0	239	931	0	0	2086	3062
ITALY	11988	9908	230	40	178	195	9923	572	4	182
NETHERLANDS	922	160	126	119	34	118	+	20	1	176
PORTUGAL	0	0	0	0	0	0	2	2	0	0
SPAIN	0	0	0	95	302	340	0	8	+	0
SWITZERLAND	76	5	141	33	261	3	666	749	6	68
UNITED KINGDOM	7305	7625	220	978	814	1126	8638	12990	192	99
OTHER	24	106[a]	126	0	67	101[c]	1	259[a]	38	0
TOTAL WESTERN EUROPE	40174	27623	8752	7934	14461	16329	43726	43853	9297	7042
POLAND	0	0	0	0	0	0	0	0	0	0
ROMANIA	0	0	166	912	0	0	3866	1200	504	1174
OTHER	0	0	0	0	0	0	0	0	0	0
TOTAL EASTERN EUROPE	0	0	166	912	0	0	3866	1200	504	1174
ARGENTINA	139	179	0	0	0	0	0	0	0	0
BRAZIL	0	1	0	1116	1	0	0	0	1275	0
CANADA	2454	3781	656	3062	14719	15206	16476	15968	11447	10203
COSTA RICA	0	0	6723	6428	0	0	0	0	91	0
MEXICO	5928	3610	13063	14458	852	829	5179	6	10828	5454
OTHER	0	0	1	89[b]	223	313[d]	0	0	+	0
TOTAL OTHER AMERICA	8521	7571	20443	25153	15795	16348	21655	15974	23641	15657
BANGLADESH	0	0	0	0	6	0	0	0	0	0
HONG KONG	0	0	0	0	0	3	109	61	9	0
INDONESIA	0	0	0	0	0	0	0	0	0	0
KOREA, REP. OF	0	8	2	0	23	2	22	0	11438	20736
MALAYSIA	0	0	0	0	0	0	0	0	563	476
PHILIPPINES	0	0	27	0	0	0	0	0	0	0
SINGAPORE	0	0	0	0	0	0	0	0	0	0
TAIWAN	159	0	84	110	16	121	202	3	18291	9438
THAILAND	0	0	4	5	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	2	12022[f]
TOTAL OTHER ASIA	159	8	117	115	45	126	333	64	30303	42672
CHINA, PRC	0	0	390	0	0	0	17	0	0	0
JAPAN	126	87	5019	2391	549	588	1312	701	9999	10982
AUSTRALIA	0	0	0	53	0	0	185	275	33	23
EGYPT	0	0	0	0	0	0	0	0	0	3
ISRAEL	2616	2884	30	98	15	1	109	88	0	0
NEW ZEALAND	0	0	0	0	0	0	0	0	0	0
SOUTH AFRICA	0	0	88	0	0	0	0	0	0	0
OTHER	33	0	+	0	+	0	0	0	83	0
TOTAL M.E. A. & O.	2649	2884	118	151	15	1	294	363	116	26
GRAND TOTAL	51629	38173	35005	36656	30865	33392	71203	62155	73860	77553

SOURCE: U.S. Census Bureau Report IM146

\+ Less than 1 thousand pounds

A. Nylon 310.0107, 0108, 0149, 0207, 0208 & 0249; Polyester 310.0110, 1050, 0210 & 0250; Other 310.0114, 0170, 0214, 0270, 0530, 0550, 0630 & 0650

B. Nylon 309.3030, 3200, 4331 & 4351; Polyester 309.3040, 3340, 4336 & 4361; Acrylic 309.3050, 3350, 4366; Other 309.3065, 3365, 4341, 4371 & 4390

C. Cellulosic 310.4005, 4030, 5005 & 5030; Noncellulosic 310.4015, 4027, 4046, 4047, 4050, 5015, 5046, 5047, 5049 & 5051

D. Cellulosic 309.6615 & 7510; Noncellulosic 309.6625, 6630, 6645, 6660, 7000, 7525, 7530, 7540 & 7555

E. 309.2800, 2900, 9800 & 9900

a. Gibraltar 106

b. Ecuador 89

				C. SPUN YARNS				D. WASTE				E. GLASS FIBER	
ACRYLIC		OTHER		CELL.		NONCELL.		CELL.		NONCELL.			
1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988	1987	1988
0	0	2227	6507	934	142	68	157	0	0	0	0	0	0
142	57	3	615	0	0	1	1	0	0	772	420	611	172
0	0	137	56	0	0	1	0	0	2	0	0	0	0
0	0	38	73	0	0	82	80	0	0	0	0	0	0
122	42	112	214	3	1	369	353	1	0	1160	966	167	122
7057	10422	1308	2153	31	160	2144	1964	-	0	3183	2587	133	6
0	0	0	0	0	0	1811	605	0	0	0	0	0	0
0	0	0	0	0	0	+	0	0	0	14	0	0	0
1936	678	1024	256	22	0	9651	2226	0	1	0	0	242	118
15	0	0	32	0	0	0	0	0	0	2360	2597	420	0
0	0	0	0	0	0	362	0	0	0	0	0	0	0
425	2	1	569	24	0	900	257	0	0	144	242	0	0
254	135	304	769	0	0	40	67	0	0	93	315	0	0
5620	9465	554	0	0	5	839	379	0	0	3830	3133	7264	6218
0	0	0	0	0	0	608	1331[i]	0	0	0	0	437	12[m]
15571	20801	5708	11244	1014	308	16876	7420	1	3	11556	10260	9274	6648
0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	3217	1892	0	0	144	0	0	0
0	0	0	59[h]	0	0	1254	1115[j]	0	0	0	0	+	12[n]
104	0	0	59	0	0	4471	3007	0	0	144	0	+	12
0	0	0	0	0	0	0	0	0	0	717	892	0	0
0	0	423	140	5	0	292	58	0	0	0	0	0	0
0	6	1401	2626	0	6	894	1019	84	4	12299	12319	3907	4618
0	0	0	0	0	0	0	0	0	0	34	80	0	0
3843	1577	530	251	0	0	2127	2048	0	0	9189	7092	0	0
0	0	0	0	0	0	599	285[k]	0	0	0	0	0	0
3843	1583	2354	3017	5	6	3912	3410	84	4	22239	20383	3907	4618
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	108	0	0	0	0	0	0	0
0	0	0	0	0	0	575	649	0	0	0	0	0	0
177	0	214	247	0	0	360	268	0	0	3082	2368	0	0
43	0	0	0	0	0	1084	862	0	0	0	0	0	0
2	0	+	0	0	0	554	130	0	0	0	75	0	0
0	0	0	0	0	0	1009	929	0	0	0	0	0	1
0	81	4155	2528	0	0	81	249	0	0	86	0	40	0
0	0	0	0	0	0	739	719	0	0	0	0	0	34
0	0	0	0	2	0	117	0	0	0	0	0	0	0
222	81	4359	2775	2	0	4627	3806	0	0	3168	2443	40	35
0	0	11	5	0	0	2552	2789	0	0	2704	906	0	0
8976	12256	2699	4345	520	500	4106	1500	0	0	3545	3723	16244	14887
0	0	0	194	0	0	0	6	0	0	1595	1473	0	0
0	2	8	0	0	0	231	0	0	0	0	0	0	0
0	14	57	0	0	0	179	0	0	0	1972	1316	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	39	0	0	0	34	0	0	0
0	70[g]	0	0	0	0	135	268[l]	0	0	0	0	0	0
0	86	65	194	0	0	584	274	0	0	3601	2789	0	0
28716	34807	15206	21639	1541	814	37128	22206	85	7	46957	40504	29465	26200

c. Turkey 101

d. Chile 313

e. Gibraltar 259

f. India 12022

g. Morocco 70

h. Germany, Dem. Rep. 56, Hungary 3

i. Turkey 1320, Sweden 11

j. Hungary 1115

k. El Salvador 56, Honduras 229

l. Mauritius 268

m. Sweden 12

n. Yugoslavia 12

GRAPH 1:
IMPORTS VS. EXPORTS OF MANUFACTURED FIBER

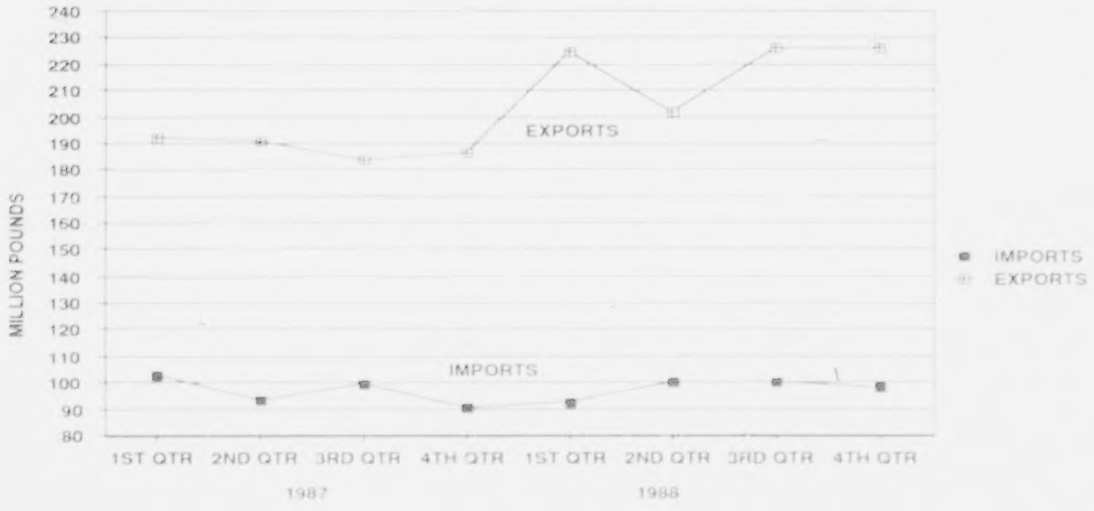

TABLE 7:
MANUFACTURED FIBER QUARTERLY TRADE BALANCE
MILLION POUNDS

	CELLULOSIC YARN & MONOFIL			CELLULOSIC STAPLE+TOW			NONCELLULOSIC YARN & MONOFIL			NONCELLULOSIC STAPLE+TOW			CELLULOSIC WASTE			NONCELLULOSIC WASTE			TOTAL		
	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL
1987																					
1ST QUARTER	3.0	1.8	1.2	4.1	9.1	+5.0	34.1	55.2	+21.1	48.9	94.7	+45.8	0	0.4	-0.4	13.0	30.7	-17.7	103.1	191.9	-88.8
2ND QUARTER	2.5	1.5	1.0	3.9	8.5	+4.6	29.0	57.3	+28.3	46.1	93.9	+47.8	+	0.2	-0.2	11.9	28.9	-17.0	93.4	190.3	-96.9
3RD QUARTER	2.8	1.4	1.4	3.0	13.2	+10.2	30.8	60.1	+29.3	52.4	85.2	+32.8	0	0.2	-0.2	10.6	23.8	-13.2	99.6	183.9	-84.3
4TH QUARTER	4.5	1.7	2.8	2.8	3.8	+1.0	30.0	58.6	+28.6	41.6	92.2	+50.6	0.1	0.2	-0.1	11.5	30.1	-18.6	90.5	186.6	-96.1
TOTAL	12.8	6.4	-6.4	13.8	34.6	+20.8	123.9	231.2	+107.3	189.0	366.0	+177.0	0.1	1.0	-0.9	47.0	113.5	-66.5	386.6	752.7	-366.1
1988																					
1ST QUARTER	4.0	2.4	1.6	3.3	5.1	+1.8	29.8	74.0	+44.2	43.3	111.9	+68.6	+	0.6	-0.6	11.8	31.0	-19.2	92.2	225.0	-132.8
2ND QUARTER	4.0	3.9	0.1	4.1	7.0	+2.9	28.1	70.3	+42.2	53.7	88.3	+34.6	0	0.4	-0.4	10.6	32.1	-21.5	100.5	202.0	-101.5
3RD QUARTER	4.4	3.7	0.7	6.0	6.8	+0.8	30.2	79.1	+48.9	51.0	100.6	+49.6	0	0.7	-0.7	8.6	35.1	-26.5	100.2	226.0	-125.8
4TH QUARTER	5.2	2.6	-2.6	6.9	5.6	-1.3	28.1	73.6	+45.5	48.1	98.3	+50.2	+	0.2	-0.2	9.5	46.1	-36.6	97.8	226.4	-128.6
TOTAL	17.6	12.6	-5.0	20.3	24.5	+4.2	116.2	297.0	+180.8	196.1	399.1	+203.0	+	1.9	-1.9	40.5	144.3	-103.8	390.7	879.4	-488.7

SOURCES: The fiber import and export data are from the U.S. Bureau of the Census (Reports IM145X and EM522).

TABLE 8:
SELECTED U.S. MANUFACTURED FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0	0	0	244
BRAZIL	54	0	28	55	28	13	69	29	36	36	28	77	453	622
CANADA	426	481	507	292	592	827	427	739	779	767	722	724	7283	3232
GERMANY, FED. REP. OF	353	635	281	227	388	313	358	355	315	336	732	699	4992	4907
JAPAN	277	131	45	121	62	63	54	17	27	34	69	13	913	1650
MEXICO	62	53	18	81	70	68	115	86	114	46	26	67	806	629
NETHERLANDS	190	229	228	289	142	104	176	218	266	73	271	229	2415	1205
ALL OTHER COUNTRIES [a]	11	1	21	67	44	178	35	86	109	12	173	42	779	322
TOTAL CELLULOSIC YARN	1373	1530	1128	1132	1326	1566	1234	1530	1646	1304	2021	1851	17641	12811
CELLULOSIC STAPLE+TOW														
CANADA	1088	774	974	797	1355	1551	1309	2131	1880	1604	1888	1201	16552	10953
ITALY	34	73	19	0	33	0	39	32	0	64	33	40	367	756
JAPAN	99	0	91	46	37	68	101	45	237	347	195	657	1923	1101
SWEDEN	0	41	45	0	20	0	0	0	0	0	0	0	106	457
UNITED KINGDOM	12	0	79	54	0	24	113	50	40	21	41	25	459	388
ALL OTHER COUNTRIES [b]	3	2	10	51	43	+	70	2	0	1	0	812	994	169
TOTAL CELLULOSIC STAPLE+TOW	1236	890	1218	948	1488	1643	1632	2260	2157	2037	2157	2735	20401	13824
NONCELLULOSIC YARN, MONOFIL & STRIPS														
BELGIUM	1436	1117	1665	894	172	530	803	630	1016	1089	769	367	10488	12529
BRAZIL	0	7	0	199	169	109	92	203	80	322	71	222	1481	19
CANADA	1448	1872	2178	2156	2451	1677	1568	2139	1766	2038	1996	1028	22317	17935
COSTA RICA	606	570	382	533	514	523	692	442	606	390	623	548	6429	6723
DENMARK	0	0	0	0	61	30	60	0	30	30	60	30	301	215
FRANCE	767	588	723	338	272	588	642	960	410	326	473	519	6606	5831
GERMANY, FED. REP. OF	1074	1355	1543	1078	1495	1270	1130	1342	1408	1115	1119	1141	15070	23527
IRELAND	37	34	74	114	150	78	192	114	138	118	157	120	1326	463
ISRAEL	388	309	176	304	182	254	273	281	208	208	191	208	2982	2660
ITALY	761	811	407	1678	941	412	1403	829	1051	747	732	900	10672	12683
JAPAN	648	212	444	277	282	338	304	337	328	311	282	343	4105	6982
KOREA, REP. OF	3	23	33	63	0	40	1	0	0	0	0	124	287	448
MEXICO	1428	2004	1582	978	1622	1660	1545	1659	1758	1657	1943	2005	19809	20475
NETHERLANDS	49	42	26	31	57	4	16	10	116	25	37	1	414	1084
ROMANIA	12	58	41	160	122	519	0	0	0	0	0	0	912	166
SINGAPORE	81	41	44	19	34	35	23	23	23	44	23	68	458	485
TAIWAN	12	36	12	53	69	34	70	103	164	103	64	49	769	771
UNITED KINGDOM	676	753	684	632	917	751	819	1050	731	680	1163	1052	9908	8515
ALL OTHER COUNTRIES [c]	192	168	185	58	54	156	149	283	167	214	131	187	1944	2419
TOTAL NONCELLULOSIC YARN	9618	10000	10199	9565	9564	9008	9782	10405	10000	9417	9834	8912	116278	123930
NONCELLULOSIC STAPLE+TOW														
AUSTRIA	601	727	752	1321	296	481	506	867	270	471	235	0	6527	2255
AUSTRALIA	38	0	36	19	0	164	46	18	19	70	51	30	491	262
BELGIUM	35	0	18	18	634	0	18	193	10	0	39	0	965	181
BRAZIL	0	0	0	0	0	0	0	0	0	0	140	0	140	1698
CANADA	2003	2183	2981	2720	2797	2353	2353	2020	2692	2590	2195	1916	28803	29320
FRANCE	934	799	800	957	1257	934	826	1220	675	926	881	1016	11225	7950
GERMANY, FED. REP. OF	2738	3040	2503	2478	3319	2475	2793	3377	2357	2381	2639	3899	33999	31920
INDIA	0	0	0	5	2575	2050	1556	2239	1068	1070	0	2	12020	1
IRELAND	80	123	162	325	406	240	362	201	312	376	148	329	3064	1869
ITALY	130	362	145	241	5	37	44	190	85	65	118	267	1689	12786
JAPAN	1963	2057	1894	2166	1912	3095	1771	3016	2187	2926	2566	2672	28284	23340
KOREA, REP. OF	1355	1516	1456	1580	1295	1604	2058	1908	2699	1931	1405	2171	20978	11716
MALAYSIA	0	95	48	48	0	95	48	48	0	48	48	0	478	564
MEXICO	303	549	210	502	985	1043	822	800	605	701	466	301	7287	20345
ROMANIA	448	0	86	664	230	893	0	0	53	0	0	0	2374	4466
SWITZERLAND	102	21	153	189	123	122	160	127	148	72	159	147	1523	1230
TAIWAN	1986	1109	1425	1112	1024	1384	549	1172	1321	493	195	280	12050	22615
UNITED KINGDOM	1604	1503	2175	1920	1777	1745	1184	2046	1495	2501	2655	2719	23324	15002
ALL OTHER COUNTRIES [d]	22	30	12	85	16	25	146	283	49	17	11	237	933	1465
TOTAL NONCELLULOSIC STAPLE+TOW	14342	14114	14856	16350	18651	18740	15242	19725	16045	16638	13951	15986	196154	188985

\+ Less than 1 thousand pounds

a. United Kingdom 325, Morocco 171, Singapore 108, France 65, Korea, Rep. of 51, Taiwan 37, Norway 12, Italy 7, Australia 3.

b. Austria 916, France 70, Germany, Fed. Rep. of 2, Luxembourg 2, Mexico 2, Belgium 2.

c. Spain 437, Chile 312, Argentina 179, Australia 166, Sweden152, Norway 117, Gibraltar 106, Turkey 100, Ecuador 89, Austria 8, Luxembourg 82, Switzerland 78, China, PRC 20, Hong Kong 17, Thailand 4, Sri Lanka 1.

d. Gibraltar 259, Netherlands 228, Israel 102, New Caledonia 70, Finland 72, Hong Kong 65, Denmark 56, Germany, Dem. Rep. 56, Spain 10, China, PRC 6, Egypt 5, Greece 2, Portugal 2, Philippines

TABLE 9:
U.S. MANUFACTURED FIBER IMPORTS FOR CONSUMPTION
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	+	0	64	18	16	60	56	93	269	495	412	1483	305
OTHER	310.0130 & .0230[a]	1362	1468	1021	995	1210	1412	1174	1318	1496	945	1451	1386	15238	12267
MONOFILAMENTS	309.0310 & .0610	0	+	0	1	1	0	0	3	1	0	0	1	7	12
STRIPS, $1/LB & UNDER	309.2000*	11	62	107	72	97	138	0	153	56	90	75	52	913	227
SUBTOTAL ABOVE		1373	1530	1128	1132	1326	1566	1234	1530	1646	1304	2021	1851	17641	12811
STAPLE	309.4320 & .4325	1182	889	1107	934	1354	1492	1406	2123	1995	1805	2078	2672	19037	12931
GROUPED FILAMENTS	309.3010 & .3310	54	1	111	14	134	151	226	137	162	232	79	63	1364	893
SUBTOTAL ABOVE		1236	890	1218	948	1488	1643	1632	2260	2157	2037	2157	2735	20401	13824
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	0	1	4	0	0	0	0	0	0	0	0	2	7	85
NONCELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450 DENIER	310.0107 & .0207	341	297	204	271	150	176	175	235	223	289	160	158	2679	2035
450 DENIER AND OVER	310.0108 & .0208	1503	1643	1531	2018	1472	1080	1980	1799	1177	1062	1029	1427	17721	26755
- POLYESTER	310.0110 & .0210	989	1368	1024	881	1327	1749	1054	1116	1363	1387	1685	1117	15060	15580
- OTHER	310.0114 & .0214	2158	1829	2816	1920	1882	1811	2234	2290	2567	2558	1965	1189	25188	24088
OTHER - NYLON	310.0149 & .0249	1154	1567	1386	1249	1672	1267	1226	1732	1463	1335	1820	1902	17773	22839
POLYESTER	310.0150 & .0250	2153	1631	1733	1657	1707	1719	1992	1964	1920	1476	1803	1842	21596	19425
- OTHER	310.0170 & .0270[b]	762	1085	876	922	469	453	418	493	658	480	783	605	8204	6777
MONOFILAMENTS	309.0200 & .0330[c]	381	384	307	374	454	483	418	510	355	357	298	474	4801	3804
STRIPS, OVER $1/LB	309.2100 & .2500*	177	196	322	273	431	270	285	259	274	273	291	198	3256	2627
SUBTOTAL ABOVE		9618	10000	10199	9565	9564	9008	9782	10405	10000	9417	9834	8912	116278	123930
STAPLE - NYLON	309.4331 & .4351	1696	1306	1915	2115	1707	1284	1468	1724	2177	2636	1842	2074	21944	38955
- POLYESTER	309.4336 & .4361	4653	5670	4716	4933	7498	8268	6130	8251	7923	5495	4019	4187	73198	70721
- ACRYLIC	309.4366	1214	953	1179	1399	1647	1377	1257	1513	533	1308	1252	1757	15389	15716
- OLEFIN	309.4371	83	104	534	499	165	174	40	99	0	167	207	4	2075	514
- OTHER	309.4341 & .4390	1350	1625	1750	2008	969	1908	1239	1632	1279	1694	1167	1157	17778	12992
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3713	2877	3289	3285	4091	3619	3596	3785	2430	2612	2879	4035	40211	32248
POLYESTER	309.3040 & .3340	441	215	65	421	304	377	426	701	278	602	342	183	4355	3139
ACRYLIC	309.3050 & .3350	1086	1331	1249	1684	1631	1702	992	1855	1348	1939	2113	2448	19418	13000
OTHER	309.3065 & .3365	106	33	159	26	639	31	94	165	77	185	130	141	1786	1700
SUBTOTAL ABOVE		14342	14114	14856	16350	18651	18740	15242	19725	16045	16638	13951	15986	196154	188985
WASTE, NOT ADVANCED															
- NYLON	309.6625	2940	1991	1933	1842	2391	2267	1716	1344	1323	1423	1853	1489	22512	26926
- POLYESTER	309.6630	550	486	1073	637	470	1233	716	500	1153	933	1333	1029	10113	9170
- ACRYLIC	309.6645	0	0	21	110	0	2	0	0	0	2	32	0	167	306
- OTHER	309.6660	221	273	392	157	271	260	101	241	194	256	182	29	2577	4666
NOILS & GARNETTED FIBERS	309.7000*	76	0	0	33	0	0	0	0	0	0	0	0	109	162
OTHER WASTE, ADVANCED	309.7525 - .7555	596	596	637	323	366	280	286	435	565	393	289	260	5026	5727
SUBTOTAL ABOVE		4383	3346	4056	3102	3498	4042	2819	2520	3235	3007	3689	2807	40504	46957
TOTAL MANUFACTURED ABOVE		30952	29881	31461	31097	34527	34999	30709	36440	33083	32403	31652	32293	390985	386592
OTHER MANUFACTURED FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	0	0	0	0	0	0	0	0	+	5
- NONCELLULOSIC	310.1015[d] & .1205[e]	340	167	184	216	276	176	197	156	122	199	124	146	2303	3999
OTHER - CELLULOSIC	310.1030 & .1535[f]	15	21	34	34	19	22	16	42	50	79	30	20	382	553
- NONCELLULOSIC	310.1050 & .1070[g]	277	268	330	289	338	303	279	358	309	343	309	300	3703	3314
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	62	95	137	20	94	74	112	47	49	70	35	19	814	1541
- OTHER	310.4015 & .4027[i]	2503	1471	1826	1389	2219	2829	1874	2062	2012	1179	1469	1373	22206	37128
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	2122	1933	1536	1956	1629	1099	2762	997	1451	2776	2542	2108	22911	28029
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	607	877	571	585	661	789	600	556	652	496	623	615	7632	8338
SLIVER, TOPS & ROVING	309.9000	271	287	351	530	234	181	359	398	63	161	530	549	3914	5537
GLASS FIBER	309.2800 & .2900[k]	2526	2429	2602	2286	2271	2344	2110	2469	1927	2373	1530	1333	26200	29465
GRAND TOTAL ABOVE		39675	37429	39032	38402	42268	42816	39018	43525	39718	40079	40332	38756	481050	504501

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Less than 1 thousand pounds.

* These items are not reported by the Census Bureau as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, .1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 10:
U.S. EXPORTS OF MANUFACTURED FIBER
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988												YEAR TO DATE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1988	1987
CELLULOSIC FIBER															
FILAMENT YARN [a]															
TEXTURED	310.0004	27	2	6	31	61	5	11	59	10	5	4	27	248	614
OTHER [b]	310.0026	683	991	556	1220	1231	1269	582	1212	1765	730	781	1029	12049	5428
MONOFILAMENTS	309.0110	89	36	5	36	9	45	0	28	9	0	0	1	258	285
STRIPS	309.2210	0	23	0	0	10	2	0	1	0	25	31	10	102	100
SUBTOTAL ABOVE		799	1052	567	1287	1311	1321	593	1300	1784	760	816	1067	12657	6427
STAPLE+TOW-RAYON	309.4222	1019	1907	1702	1468	2682	2250	1615	2034	2492	2145	1138	1308	21760	32781
STAPLE-ACETATE	309.4219	89	66	309	329	146	97	209	126	374	318	368	364	2795	1721
SUBTOTAL ABOVE		1108	1973	2011	1797	2828	2347	1824	2160	2866	2463	1506	1672	24555	34502
WASTE, ADVANCED & NOT ADVANCED	309.7400	143	251	198	86	263	42	432	235	80	97	50	44	1921	1090
NONCELLULOSIC FIBER															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	3651	4775	4929	3355	4209	4685	5391	3916	5626	5748	4030	5387	55702	35048
- HIGH TENACITY [c]	310.0027	8372	8470	8040	6580	6438	6533	8344	4836	10656	7160	6374	5339	87142	78107
- OTHER	310.0029	786	1111	904	1186	1068	819	1072	978	841	1147	973	1231	12116	9142
POLYESTER - TEXTURED	310.0010	1739	2796	3405	2979	3311	2690	2371	5279	4051	2877	4547	3547	39592	25057
- HIGH TENACITY [c]	310.0032	1421	1817	2189	2281	2706	2059	2534	2410	3092	2550	2235	2002	27296	24961
- OTHER [d]	310.0034	207	225	265	284	135	68	239	134	55	278	921	222	3033	1794
OTHER - TEXTURED	310.0014	1067	1904	2220	1725	2118	1459	1720	1640	1879	2382	1825	1763	21702	18119
- OLEFIN	310.0040	83	626	121	143	161	160	258	322	330	187	383	100	2874	940
- OTHER	310.0044	360	729	886	802	688	699	507	468	381	438	541	320	6819	6799
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	658	728	515	983	523	623	289	649	399	488	289	516	6660	6663
POLYESTER	309.0140	1641	1789	2345	1784	1871	1713	1992	1990	1345	1514	1650	1382	21016	12294
OTHER	309.0170	680	901	768	769	847	603	553	705	754	964	630	591	8765	7453
STRIPS	309.2220 & .2270	415	192	277	442	454	394	346	377	340	195	507	422	4361	4805
SUBTOTAL ABOVE		21080	26063	26864	23313	24529	22505	25616	23704	29749	25928	24905	22822	297078	231182
STAPLE - NYLON	309.4240	2423	1511	1760	981	1387	1491	1575	2125	2280	1867	1725	2315	21440	23447
- POLYESTER	309.4242	13519	7586	10316	10132	11435	11625	13750	11140	12917	16383	12602	12571	143976	168127
- ACRYLIC	309.4245	17224	11389	16118	7723	12187	4510	8350	11085	13735	10212	10364	7338	130235	67074
- OLEFIN	309.4246	1488	1604	2696	2137	1784	1876	1683	981	1102	1341	1312	1210	18794	21433
- OTHER	309.4247	1228	1696	3193	1951	2312	2229	1358	2437	2178	2065	1988	1477	24112	35295
GROUPED FILAMENTS															
NYLON	309.3220	693	497	469	339	601	746	639	761	632	725	389	643	7134	5483
POLYESTER [d]	309.3240	2108	1330	2067	794	2046	1953	1230	1764	1740	1953	1746	1707	20438	20573
ACRYLIC	309.3250 & .3255	4967	2172	3809	2267	3498	2338	3049	1753	2746	3452	1510	1410	32971	24497
SUBTOTAL ABOVE		43650	27785	40428	26324	35250	26768	31634	31626	37330	37998	31636	28671	399100	365929
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	685	1210	1189	1492	1287	2199	1489	1661	1596	1252	3185	1595	18840	11686
- POLYESTER	309.7630	3959	4435	6616	4231	4813	5219	3829	6994	6607	4901	6127	7747	65478	56412
- ACRYLIC	309.7640	312	1219	923	676	970	795	671	597	620	607	529	1769	9688	9569
- OTHER	309.7660	3765	3582	3138	3474	3605	3309	3019	3970	4094	6985	5087	6358	50386	35860
SUBTOTAL ABOVE		8721	10446	11866	9873	10675	11522	9008	13222	12917	13745	14928	17469	144392	113527
TOTAL MANUFACTURED ABOVE		75501	67570	81934	62680	74856	64505	69107	72247	84726	80991	73841	71745	879703	752657
GLASS FIBER	309.2700 & .9700	8813	9352	9114	8934	7139	8164	9712	9075	8429	9290	8716	9792	106530	85378
GRAND TOTAL ABOVE		84314	76922	91048	71614	81995	72669	78819	81322	93155	90281	82557	81537	986233	838035

SOURCE: U.S. Census Bureau Report EM522

a. Includes singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord.
c. Includes a undetermined amount of noncellulosic tire cord.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 11:
QUARTERLY MANUFACTURED FIBER DATA

MILLION POUNDS

ITEM	1986					1987					1988				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						YARN+MONOFILAMENTS									
CELLULOSIC YARN [d]															
PRODUCTION	54.3	54.7	54.1	51.7	214.8	46.2	46.7	45.2	53.0	191.1	49.1	54.4	54.9	55.5	213.9
SHIPMENTS - DOMESTIC	48.6	50.4	47.7	45.4	192.1	39.2	43.6	40.2	43.8	166.8	41.4	47.3	45.8	48.1	182.6
- EXPORT	4.7	5.1	4.9	5.5	20.2	5.0	5.9	6.1	7.9	24.9	8.7	7.9	10.0	7.5	34.1
TOTAL SHIPMENTS	53.3	55.5	52.6	50.9	212.3	44.2	49.5	46.3	51.7	191.7	50.1	55.2	55.8	55.6	216.7
ENDING STOCK	13.3	12.5	14.0	14.8		16.8	14.0	12.9	14.2		13.2	12.4	11.5	11.4	
IMPORTS	3.9	4.6	3.6	4.1	16.2	3.0	2.5	2.7	4.4	12.6	4.0	4.0	4.4	5.2	17.6
TOTAL AVAILABLE	52.5	55.0	51.3	49.5	208.3	42.2	46.1	42.9	48.2	179.4	45.4	51.3	50.2	53.3	200.2
NYLON															
PRODUCTION	396.9	396.5	398.3	414.6	1606.3	414.1	427.5	432.9	422.7	1697.2	431.7	440.0	428.8	427.0	1727.5
SHIPMENTS - DOMESTIC	363.4	368.7	377.7	370.6	1480.4	389.3	394.8	405.8	364.4	1554.3	387.8	395.4	391.1	398.1	1572.4
- EXPORT	26.7	28.2	25.1	32.8	112.8	32.1	37.9	33.7	35.8	139.5	39.6	38.1	41.5	46.8	166.0
TOTAL SHIPMENTS	390.1	396.9	402.8	403.4	1593.2	421.4	432.7	439.5	400.2	1693.8	427.4	433.5	432.6	444.9	1738.4
ENDING STOCK	126.5	126.1	121.6	132.8		125.5	120.3	113.7	136.2		140.5	147.0	143.2	125.3	
OLEFIN [e]															
PRODUCTION	245.9	255.7	259.5	296.6	1057.7	255.8	283.9	287.4	306.7	1133.8	301.6	308.9	291.7	302.0	1204.2
SHIPMENTS - DOMESTIC	241.3	258.4	257.8	291.7	1049.2	261.5	231.8	287.5	304.7	1135.5	298.3	302.5	287.7	295.6	1184.1
- EXPORT	2.4	2.9	2.6	2.6	10.5	2.7	1.7	1.8	2.1	8.3	2.7	5.9	6.0	5.2	19.8
TOTAL SHIPMENTS	243.7	261.3	260.4	294.3	1059.7	264.2	283.5	289.3	306.8	1143.8	301.0	308.4	293.7	300.8	1203.9
ENDING STOCK	67.1	61.5	60.6	62.9		54.5	54.9	53.0	52.9		53.5	54.0	52.0	53.2	
POLYESTER															
PRODUCTION	322.2	271.5	285.5	293.5	1172.7	287.7	303.3	293.9	293.8	1178.7	284.5	313.5	304.6	326.1	1228.7
SHIPMENTS - DOMESTIC	284.8	253.5	273.7	280.4	1092.4	266.8	285.2	280.8	280.6	1113.4	266.7	291.9	278.2	320.6	1157.4
- EXPORT	21.8	23.8	14.3	17.4	77.3	16.4	18.4	15.8	16.3	66.9	18.8	17.8	16.7	21.4	74.7
TOTAL SHIPMENTS	306.6	277.3	288.0	297.8	1169.7	283.2	303.6	296.6	296.9	1180.3	285.5	309.7	294.9	342.0	1232.1
ENDING STOCK	123.5	117.7	115.2	110.9		115.4	115.1	112.4	109.3		108.3	112.1	121.8	105.9	
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	965.0	923.7	943.3	1004.7	3836.7	957.6	1014.7	1014.2	1023.2	4009.7	1017.8	1062.4	1025.1	1055.1	4160.4
SHIPMENTS - DOMESTIC	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2	952.8	989.8	957.0	1014.3	3913.9
- EXPORT	50.9	54.9	42.0	52.8	200.6	51.2	58.0	51.3	54.2	214.7	61.1	61.8	64.2	73.4	260.5
SHIPMENTS	940.4	935.5	951.2	995.5	3822.6	968.8	1019.8	1025.4	1003.9	4017.9	1013.9	1051.6	1021.2	1087.7	4174.4
ENDING STOCK	317.1	305.3	297.4	306.6		295.4	290.3	279.1	298.4		302.3	313.1	317.0	284.4	
DOMESTIC SHIPMENTS	889.5	880.6	909.2	942.7	3622.0	917.6	961.8	974.1	949.7	3803.2	952.8	989.8	957.0	1014.3	3913.9
IMPORTS -TEXTURED YARN [b]	17.9	19.5	20.4	24.1	81.9	19.3	15.1	17.2	16.9	68.5	15.7	14.7	16.1	14.1	60.6
-OTHER YARN [b]	12.3	13.9	14.7	14.0	54.9	13.3	12.4	11.9	11.3	48.9	11.2	11.1	11.9	13.4	47.6
-MONOFILAMENTS	0.8	0.6	0.5	0.8	2.7	0.8	0.9	1.0	1.1	3.8	1.8	2.3	2.0	2.0	8.1
TOTAL IMPORTS	31.0	34.0	35.6	38.9	139.5	33.4	28.4	30.1	29.3	121.2	28.7	28.1	30.0	29.5	116.3
TOTAL AVAILABLE	920.5	914.6	944.8	981.6	3761.5	951.0	990.2	1004.2	979.0	3924.4	981.5	1017.9	987.0	1043.8	4030.2
						GLASS FIBER									
TOTAL SHIPMENTS	330.6	352.6	333.9	322.2	1339.3	366.1	392.5	383.3	371.2	1513.1	386.4	415.2	405.9	410.2	1617.7
IMPORTS	7.9	6.0	4.4	5.4	23.7	4.9	5.6	11.3	7.6	29.4	5.6	7.1	6.5	7.0	26.2

FOOTNOTES FOR TABLE ABOVE & OPPOSITE:

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.
b. Includes singles and plied.
c. These figures are composites of the nylon, acrylic+modacrylic and polyester staple imports, i.e., Commodity Numbers 309.4331, 4351, 4336 & 4361.
d. Includes both rayon & acetate yarn.
e. These figures are composites of olefin and other staple imports, i.e., Commodity Numbers 309.4371, 4341 & 4390.
f. 1987-1988 data exclude Vinyon.

TABLE 11:
QUARTERLY MANUFACTURED FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1986					1987					1988				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	95.1	99.7	103.4	105.5	403.7	101.3	100.5	103.6	108.4	413.8	106.6	101.2	99.4	92.6	399.8
SHIPMENTS - DOMESTIC	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1	101.9	102.0	94.0	88.1	386.0
- EXPORT	6.3	6.9	7.3	10.3	30.8	8.1	8.2	12.6	3.5	32.4	5.1	6.1	5.5	3.8	20.5
TOTAL SHIPMENTS	97.9	98.9	102.4	104.6	403.8	99.9	99.2	110.5	105.9	415.5	107.0	108.1	99.5	91.9	406.5
ENDING STOCK	19.7	20.5	21.5	22.4		23.8	25.1	18.2	20.7		20.3	13.4	13.3	14.0	
DOMESTIC SHIPMENTS	91.6	92.0	95.1	94.3	373.0	91.8	91.0	97.9	102.4	383.1	101.9	102.0	94.0	88.1	386.0
IMPORTS FOR CONSUMPTION															
STAPLE	3.9	3.6	4.6	4.3	16.4	3.9	3.8	2.6	2.7	13.0	3.2	3.8	5.5	6.5	19.0
GROUPED FILAMENTS	0.3	0.3	0.3	0.1	1.0	0.2	0.1	0.4	0.2	0.9	0.2	0.3	0.5	0.4	1.4
TOTAL IMPORTS	4.2	3.9	4.9	4.4	17.4	4.1	3.9	3.0	2.9	13.9	3.4	4.1	6.0	6.9	20.4
TOTAL AVAILABLE	95.8	95.9	100.0	98.7	390.4	95.9	94.9	100.9	105.3	397.0	105.3	106.1	100.0	95.0	406.4
NYLON															
PRODUCTION	220.5	207.4	236.1	244.3	908.3	247.4	261.0	252.8	231.2	992.4	231.5	235.9	226.6	247.7	941.7
SHIPMENTS-DOMESTIC	195.2	203.2	254.3	242.2	894.9	246.2	253.2	246.2	220.4	966.0	239.4	223.9	241.6	240.0	944.9
-EXPORT	3.9	2.9	3.0	3.5	13.3	5.3	5.0	3.7	5.5	19.5	4.3	4.3	4.9	5.5	19.0
TOTAL SHIPMENTS	199.1	206.1	257.3	245.7	908.2	251.5	258.2	249.9	225.9	985.5	243.7	228.2	246.5	245.5	963.9
ENDING STOCK	84.1	85.4	64.2	62.8		58.7	61.5	64.4	69.7		57.5	65.2	45.3	47.5	
IMPORTS	11.9	10.6	14.9	14.6	52.0	14.8	8.7	8.6	6.9	39.0	4.9	5.1	5.4	6.5	21.9
TOTAL AVAILABLE	207.1	213.8	269.2	256.8	946.9	261.0	261.9	254.8	227.3	1005.0	244.3	229.0	247.0	246.5	966.8
ACRYLIC+MODACRYLIC															
PRODUCTION	149.0	151.1	158.0	157.8	615.9	155.7	159.0	135.3	141.5	591.5	148.8	150.9	141.5	146.9	588.1
SHIPMENTS-DOMESTIC	123.1	143.7	138.7	125.7	531.2	139.4	131.6	112.8	95.5	479.3	109.0	109.3	107.3	95.5	421.1
-EXPORT	27.1	19.2	17.8	18.8	82.9	14.7	17.0	32.0	51.4	115.1	47.7	29.1	39.8	52.5	169.1
TOTAL SHIPMENTS	150.2	162.9	156.5	144.5	614.1	154.1	148.6	144.8	146.9	594.4	156.7	138.4	147.1	148.0	590.2
ENDING STOCK	63.2	51.4	52.9	66.2		67.8	78.2	68.7	63.3		55.4	67.9	62.3	61.2	
IMPORTS	3.2	4.0	5.3	4.9	17.4	3.3	4.1	4.6	3.7	15.7	3.3	4.4	3.3	4.3	15.3
TOTAL AVAILABLE	126.3	147.7	144.0	130.6	548.6	142.7	135.7	117.4	99.2	495.0	112.3	113.7	110.6	99.8	436.4
OLEFIN+VINYON [1]															
PRODUCTION	82.4	82.3	84.7	85.9	335.3	85.5	92.3	92.1	90.6	360.5	94.3	94.5	85.9	89.3	364.0
SHIPMENTS-DOMESTIC	73.9	82.6	76.4	79.8	312.7	81.1	85.7	86.1	88.2	341.1	83.8	87.6	84.8	88.0	344.2
-EXPORT	4.2	4.8	4.8	5.0	18.8	6.9	5.7	5.4	4.8	22.8	5.6	5.8	4.4	3.8	19.6
TOTAL SHIPMENTS	78.1	87.4	81.2	84.8	331.5	88.0	91.4	91.5	93.0	363.9	89.4	93.4	89.2	91.8	363.8
ENDING STOCK	34.0	28.9	32.4	33.5		31.0	31.9	32.5	30.1		35.0	36.1	32.8	30.3	
POLYESTER															
PRODUCTION	520.8	538.7	522.1	550.7	2132.3	581.0	596.2	578.4	606.2	2361.8	587.4	619.5	604.3	640.6	2451.8
SHIPMENTS-DOMESTIC	499.1	499.9	496.3	503.3	1998.6	534.4	549.9	537.5	579.2	2201.0	558.3	572.5	551.2	629.8	2311.8
-EXPORT	25.7	25.0	31.6	42.5	124.8	48.2	47.0	38.3	34.7	168.2	27.8	31.1	38.2	40.0	137.1
TOTAL SHIPMENTS	524.8	524.9	527.9	545.8	2123.4	582.6	596.9	575.8	613.9	2369.2	586.1	603.6	589.4	669.8	2448.9
ENDING STOCK	151.0	164.8	159.0	163.9		162.3	161.6	164.2	156.5		157.8	173.7	188.6	159.4	
IMPORTS	9.3	8.9	8.7	13.9	40.8	15.5	17.4	23.4	14.4	70.7	15.0	20.7	22.3	15.2	73.2
TOTAL AVAILABLE	508.4	508.8	505.0	517.2	2039.4	549.9	567.3	560.9	593.6	2271.7	573.3	593.2	573.5	645.0	2385.0
TOTAL NONCELLULOSIC															
PRODUCTION	972.7	979.5	1000.9	1038.7	3991.8	1069.6	1108.5	1058.6	1069.5	4306.2	1062.0	1100.8	1058.3	1124.5	4345.6
SHIPMENTS-DOMESTIC	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4	990.5	993.3	984.9	1053.3	4022.0
-EXPORT	60.9	51.9	57.2	69.8	239.8	75.1	74.7	79.4	96.4	325.6	85.4	70.3	87.3	101.8	344.8
TOTAL SHIPMENTS	952.2	981.3	1022.9	1020.8	3977.2	1076.2	1095.1	1062.0	1079.7	4313.0	1075.9	1063.6	1072.2	1155.1	4366.8
ENDING STOCK	332.3	330.5	308.5	326.4		319.8	333.2	329.8	319.6		305.7	342.9	329.0	298.4	
DOMESTIC SHIPMENTS	891.3	929.4	965.7	951.0	3737.4	1001.1	1020.4	982.6	983.3	3987.4	990.5	933.3	984.9	1053.3	4022.0
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE [C]	24.4	23.5	28.9	33.4	110.2	33.6	30.2	36.6	25.0	125.4	23.2	30.2	31.0	26.0	110.4
OTHER N.C. STAPLE [6]	7.2	4.4	2.5	2.0	16.1	2.8	3.6	3.7	3.4	13.5	5.6	5.7	4.3	4.2	19.8
GROUPED FILAMENTS	14.4	15.0	14.7	12.4	56.5	12.4	12.4	12.1	13.1	50.0	14.5	17.8	15.7	17.8	65.8
TOTAL IMPORTS	46.0	42.9	46.1	47.8	182.8	48.8	46.2	52.4	41.5	188.9	43.3	53.7	51.0	48.0	196.0
TOTAL AVAILABLE	937.3	972.3	1011.8	998.8	3920.2	1049.9	1066.6	1035.0	1024.8	4176.3	1033.8	1047.0	1035.9	1101.3	4218.0

See footnotes on opposite page.

TABLE 12:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1989	1988
	MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]													
CELLULOSIC														
YARN	17.3												17.3	15.9
RAYON STAPLE	34.5												34.5	32.6
TOTAL CELLULOSIC	51.8												**51.8**	**48.5**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	31.3												31.3	27.5
- CARPET	74.7												74.7	72.6
- TEXTILE[f]	33.7												33.7	30.0
POLYESTER - INDUSTRIAL[d]	28.6												28.6	26.5
- TEXTILE[f]	72.4												72.4	62.9
OLEFIN[e]	101.9												101.9	97.2
TOTAL YARN	342.6												342.6	316.7
STAPLE+TOW+FIBERFILL														
NYLON	82.3												82.3	78.4
ACRYLIC+MODACRYLIC	41.7												41.7	48.5
POLYESTER	200.5												200.5	187.7
OLEFIN	29.3												29.3	29.1
TOTAL STAPLE	353.8												353.8	343.7
TOTAL NONCELLULOSIC	696.4												696.4	660.4
TOTAL MAN-MADE FIBER	748.2												748.2	708.9
	MANUFACTURED FIBER END-OF-MONTH STOCK													
CELLULOSIC														
YARN	15.5												15.5	12.3
RAYON STAPLE	13.0												13.0	23.5
TOTAL CELLULOSIC	28.5												**28.5**	**35.8**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	24.4												24.4	26.6
- CARPET	63.5												63.5	72.0
- TEXTILE[f]	47.5												47.5	54.6
POLYESTER - INDUSTRIAL[d]	35.0												35.0	29.8
- TEXTILE[f]	73.7												73.7	82.5
OLEFIN[e]	53.0												53.0	54.4
TOTAL YARN	297.1												297.1	319.9
STAPLE+TOW+FIBERFILL														
NYLON	51.8												51.8	63.4
ACRYLIC+MODACRYLIC	70.6												70.6	62.4
POLYESTER	163.5												163.5	171.5
OLEFIN	31.0												31.0	32.5
TOTAL STAPLE	316.9												316.9	329.8
TOTAL NONCELLULOSIC	614.0												**614.0**	**649.7**
TOTAL MAN-MADE FIBER	642.5												**642.5**	**685.5**
	WOOL & COTTON CONSUMPTION													
APPAREL CLASS WOOL														
CARPET CLASS WOOL														
TOTAL RAW WOOL														
RAW COTTON														

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.